GLOWTORCH

Induction Heating Kit

USER MANUAL

IMPORTANT: Read these operating and safety intructions before using the GLOWTORCH induction heating system

Kit Contents

1 x Glowtorch induction heat system with cable and handset trigger attached

1 x Mains lead

1 x End Feed Inductor Coil (20mm)

1 x Standard Inductor Coil (20mm)

1 x Standard Inductor Coil (35mm)

1 x Inductor Rope

Safety

IMPORTANT: Carefully read the following safety instructions as incorrect handling and operation of the GLOWTORCH inductor heating system can result in serious injury to yourself and bystanders, fire and permanently damage the equipment.

The GLOWTORCH inductor heating system should only be used by skilled personnel.

Ensure there is a fully charged fire extinguisher within reach when operating the GLOWTORCH inductor heating system.

Keep the GLOWTORCH inductor heating system away from water. Do not immerse in water.

Cardiac Pacemakers & Metal Surgical Implants. DO NOT operate the GLOWTORCH inductor heating system or use within 6 feet of someone if they have a cardiac pacemaker or metal surgical implants.

Remove all metal items such as jewellery, body piercings, watches, belt buckles, coins etc.

DO NOT USE ON NONFERROUS METALS such as copper and aluminium.

Do not operate the GLOWTORCH inductor heating system whilst under the influence of drugs, alcohol or medication.

Ensure the main unit is within usable distance of operation. Do not pull the unit with the cable. Do not overstretch during operation, maintain a proper footing and balance.

Do not operate the GLOWTORCH inductor heating system within close proximity of an airbag.

Be aware of clothing with metal components in their manufacture. These may be heated by the induction process and cause serious burns.

Always wear safety goggles.

Safety

Take precautions against noxious fumes from components being heated. If neccessary, wear suitable breathing equipment.

Wear heat resistent gloves during the operation of the GLOWTORCH inductor heating system.

Do not use the GLOWTORCH inductor heating system on, or in close proximity to metal containers or pressurised containers containing gases, fuels, paints or liquids.

Do not use the GLOWTORCH inductor heating system if the main cable or coil insulations have been damaged or worn through.

Ensure there is sufficient air flow around the main unit to maintain cooling.

DO NOT attempt to repair or service the GLOWTORCH inductor heating system.

If the thermal trip activates, place the trigger handset in a safe place close to the main unit. Keep the system turned on and allow to cool for at least 15 minutes before attempting to use again. If the thermal trip continues to activate contact your distributor.

General Use

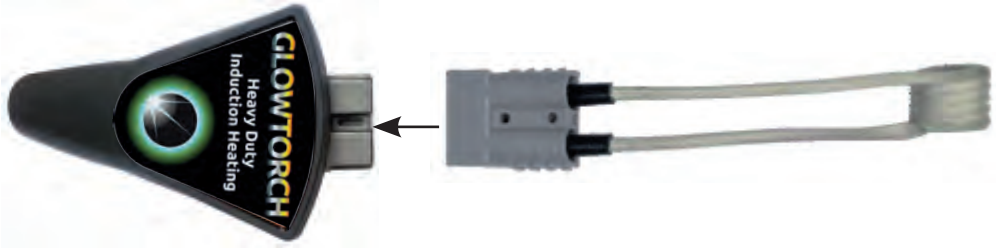
The GLOWTORCH inductor heating system is designed to work with a 240-250 AC power supply. If using a generator care must be taken to ensure a regulated power supply, otherwise damage can occur to the unit which will not be covered by the warranty. It is not recommended to use with a DC to AC invertor.

The general duty cycle is 4 minutes on and 2 minutes off. However this does depend on induction usage and can vary. If the red operation LED does not illuminate when the trigger is depressed this means that the thermal cut-out has triggered and the unit needs to cool down for at least 15 minutes. Leave the unit turned on while it is cooling but place the trigger handset in a safe place near to the main unit. DO NOT touch the Inductor Coil as it may have residual heat from the components being heated.

DO NOT attempt to manufacture your own coils. The coils supplied are specifically designed and manufactured to match the components of the GLOWTORCH inductor. The use of third party or home made coils can damage the GLOWTORCH inductor unit and will void your warranty.

Coil Operation

1. Connect the mains lead to the unit then to the power supply
2. Switch on the GLOWTORCH inductor heating system.
3. Select the required inductor coil and connect to the trigger handset. Do not depress the trigger at this point.



4. Place the coil around the component that needs heating. Depress the trigger on the handset until the component is heated. The amount of times this takes depends on the component size & material.
5. Once the component is heated, place the trigger handset in a safe place near to the base unit. DO NOT touch the Inductor Coil as it may have residual heat transferred from the component.

6. Leave the unit switched onfor a few minutes to allow the internal components to cool. Then switch off and and return the GLOWTORCH inductor heating system to its box, cleaning first if required.

Rope Operation

1. Connect the mains lead to the unit then to the power supply
2. Switch on the GLOWTORCH inductor heating system.
3. Connect one end of the rope to the trigger handset. The connector will only fit one side of the handset. Do not depress the trigger until the rope is fully fitted and located in the correct position around the component.

4. Wrap the rope around the component that requires heating no more than 4 times. Connect the loose end of the rope to the handset. Depress the trigger on the handset until the component is heated. The amount of times this takes depends on the component size, material and number of coils. DO NOT make more than 4 loops of the rope as this creates a large power drain and can cause serious damage to the equipment.

5. Once the component is heated, place the trigger handset in a safe place near to the base unit. DO NOT touch the Inductor Coil as it may have residual heat transferred from the component.
6. Leave the unit switched on for a few minutes to allow the internal components to cool. Then switch off and and return the GLOWTORCH inductor heating system to its box, cleaning first if required.

Cleaning

Unplug the unit from the power supply before cleaning. Use a dry, clean nonabrasive cloth or paper towel to remove grease, oil and other dirt from the Inductor and components, For stubborn stains use a non-solvent cleaner such as interior dashboard cleaning solution. Allow to dry before returning the unit to its box.

DO NOT immerse the unit or any of its components in water.

DO NOT clean with steam cleaners, power washers or hoses.

DO NOT clean with flammable liquids or solvents.

DO NOT attempt to dry the unit or any of its components using heat guns, space heaters, torches, ovens, microwaves or other such devices.

Incorrect cleaning will void all warranties

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